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**FANUC Robotics Demonstrates  
Bin Picking with the Intelligent  
R-2000iB Robot at 2007 International  
Robots & Vision Show**

**For Immediate Release**

**ROCHESTER HILLS, Mich., June 12, 2007** – FANUC Robotics America, Inc.'s R-2000iB robot equipped with *iRVision* will perform intelligent bin picking during the 2007 International Robots & Vision Show, at the Donald E. Stephens Convention center in Rosemont (Chicago) IL., June 12-14, in booth #1411.

At the show, the R-2000iB robot equipped with the *iRVision* 3D laser vision sensor will locate and pick randomly piled curved-shape parts from a bin. After vision verifies the correct grip position, the robot will load the part to a chuck and then transfer the part to a storage container.

"The 3D vision system enables the intelligent robot to determine part location and orientation in the bin so that the parts can be robotically picked up and properly placed in the chuck," said Boris Dostal, material handling engineer, FANUC Robotics. "We're showing manufacturers how easy and practical robot vision can be, even for bin picking, which has traditionally been a very challenging robotic process."

The R-2000iB represents a family of industrial robots, including pedestal and rack mount versions with a variety of payloads and reaches. A slim arm and wrist assembly helps minimize interference with system equipment and allows the robot to operate in small workspaces.

The R-30iA Robot Controller uses high-performance hardware and the latest control technology, providing a level of intelligence never offered before.

Advanced vibration control allows the R-2000iB to accelerate and decelerate very quickly, reducing cycle time by approximately five percent compared to current robot models. For spot welding applications, the R-30iA automatically optimizes servo-gun and robot motion, reducing the R-2000iB's cycle time by as much as 15 percent compared to previous models, which provides significant improvements in throughput and productivity.

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The R-2000iB offers a variety of intelligent functions including Robot Link, which controls and coordinates up to ten robots through a network exchange of robot positional data.

***iR*Vision - Integrated Vision**

FANUC Robotics' *iR*Vision is an easy to use, integrated robot vision option for the FANUC R-30iA Controller. The *iR*Vision System is the company's first built-in vision package that is available on all R-30iA Controllers, providing customers a single source for robot guidance or process feedback.

The FANUC *iR*Vision system is a ready-to-use robotic vision package, requiring only a camera and cable – no additional processing hardware. It has a 2D robot guidance tool to accomplish part location, error proofing, and other operations that normally require special sensors or custom fixtures.

FANUC Robotics America, Inc. designs, engineers and manufactures industrial robots and robotic systems for a wide range of applications including arc and spot welding, material handling (machine tending, picking, packing, palletizing), material removal, assembly, paint finishing and dispensing. The company also provides application-specific software, controls, vision products, and complete support services. After 25 years of success, FANUC Robotics maintains its position as the leading robotics company in the Americas. A subsidiary of FANUC LTD in Japan, the company has facilities in Chicago; Los Angeles; Charlotte, N.C.; Cincinnati and Toledo, Ohio; Toronto; Montreal; Aguascalientes, Mexico; and Sao Paulo, Brazil. Over 172,000 FANUC robots are installed worldwide. Contact FANUC Robotics at [www.fanucrobotics.com](http://www.fanucrobotics.com) or by calling 248-377-7000.

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